# ARIZONA'S WORKFORCE



A press release from the Arizona Dept. Of Economic Security, Research Administration

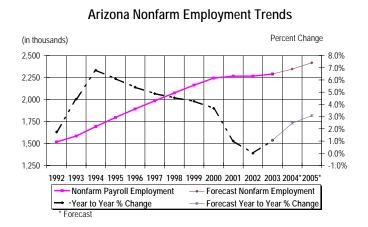
April 1, 2004

# Arizona's Two-Year Forecast Shows Growth of More than 128,000 Nonfarm Jobs

While for many regions across the nation the current economic recovery has been without job gains. Arizona's economy has been adding jobs. Over-the-year job growth began for the Grand Canyon state in August 2002, although initially it was very slight growth. While Arizona's economy continued to show very modest growth, many other states across the nation were experiencing continued losses. Arizona ended 2003 by being ranked 2<sup>nd</sup> among states in job growth percentage for December. This report showed 28 states were expanding, while 22 states continued to post losses. The latest figures for February 2004 shows Arizona ranked 2<sup>nd</sup>, led only by Nevada, and 38 states showing annual growth. Our neighbor, California, ranked 31st on the list.

On April 15<sup>th</sup>, just two weeks from today, Research Administration (RA) will release its employment figures for March. The most likely scenario is that the March figures will once again confirm that Arizona's economy continues to add jobs. As revealed from the recently released benchmarked figures, Arizona's economy

Total Nonfarm Employment Annual Average Growth Rate*						
	2003**	2004***	2005***			
Arizona Phoenix-Mesa MA Tucson MA Balance of State	1.1% 1.3% 0.0% 1.1%	2.5% 2.5% 2.0% 2.7%	3.1% 3.2% 2.4% 3.1%			
* Based on Annual A ** Benchmarked *** Forecast MA = Metro Area	verages					



experienced over-the-year job losses between October 2001 and July 2002, a period spanning 10 months. However, March will represent the 18<sup>th</sup> consecutive month since the gains began in October 2002.

Research Administration continues to believe that Arizona's economy will expand jobs and improve the pace of growth over the next two years. RA forecasts Arizona will add 128,600 nonfarm jobs in the 2004-05 period. As growth averaged 1.1 percent in 2003, the pace is forecast to hasten in 2004 to 2.5 percent and to 3.1 percent in 2005. This suggests growth of more than 56,000 jobs in 2004 and better than 72,000 in 2005.

Construction is expected to have the strongest growth among the goods-producing industries. RA forecasts construction will add more than 9,000 jobs during the two-year period, averaging growth in the 2.6 percent range annually. Residential construction activity in Arizona has been so vibrant that according to Meyers Real Estate Information, Inc.'s latest report for the fourth

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quarter 2003, the state ranked second fastest housing market in the country. The Tucson MSA was ranked 35th fastest growing MSA, while the Phoenix-Mesa MSA placed in the top 10 with a number 8 ranking. Additionally, many of Arizona's rural areas are as well experiencing strong housing demand, a trend that is likely to continue through the next decade as retirees seek value and less congested lifestyle settings.

Arizona's manufacturing industry has been slow to recover from the post-2000 economic downturn. This industry has seen its workforce shrink to 1993 levels, but this scenario has clearly been Nationally, manufacturing worse elsewhere. compares with levels not seen since 1958. While the process of recovery has been slow in Arizona, the trend continues to look more favorable than many other states. RA forecasts manufacturing will continue to lose jobs in 2004 but will add jobs in 2005. Losses over the twoyear period are expected to be greater than the gains, resulting in a loss of more than 600 jobs during 2004-05.

Mining is forecast to lose about 700 jobs over the two-year forecast period, further reducing its workforce by 5 percent in 2004 and nearly 4.5 percent in 2005. In comparison to the most recent couple of years, this represents a slowing of losses. The last time this industry showed an annual increase was 1996. By 2005, mining is expected to represent about three-tenths of one percent of all nonfarm jobs, down from nearly one percent in 1990.

While trade experienced annual job growth rates between 3 percent and 8 percent during the fast growing 1990s and into 2002, jobs grew less than one percent each year between 2001-2003. Trade is forecast to experience better growth in 2004 and 2005 than was experienced in the previous three years. RA forecasts call for 2004 growth of about 2.5 percent and slightly better than 3 percent in 2005. Consumer sentiment is expected to improve with strengthening job growth, coupled with improving wages, resulting in enhanced consumer spending. RA forecasts suggest an increase of more than 21,000 jobs in the two-year period. Notably, only 4,600 jobs

# **Arizona Industry Employment**

Annual Average Growth Rate

	2003	2004	2005
Manufacturing Natural Resources/Mining Construction Trade, Trans, Warehouse & Utilities Information	-5.2% -8.0% 2.6% 0.9% -4.4%	-1.4% -5.4% 2.9% -1.6%	1.1% -4.4% 2.2% 3.0% 1.5%
Financial Activities Profess&Business Svcs Education & Health Svcs Leisure & Hospitality Other Services Government	2.7% 1.9% 5.9% 0.9% -0.5% 0.8%	1.8% 3.6% 5.5% 2.0% 2.9% 2.5%	2.1% 4.2% 5.7% 2.5% 3.7% 2.8%

were created during the 2001-03 period. Nevertheless, this should not be viewed as weak because of the losses in many other states.

Arizona's tourism industries are also forecast to show considerable improvement. **Economic** growth in other states and countries is expected to elevate Arizona's tourism industries. Leisure and hospitality is forecast to grow by nearly 2 percent in 2004 and accelerate to nearly 2.5 percent in 2005. As businesses continue to grow, marketing programs will again reinvigorate opportunities in Arizona's renowned resorts, hotels, restaurants, conference centers, arts, entertainment, and recreation. RA forecasts job demand for this industry will result in an increase of more than 10,000 jobs during the 2004-05 period.

The professional and business services industry is forecast to add more than 25,000 jobs in the same period. This industry showed rising strength in 2003 in most sectors. Growth in 2003 averaged about 1.8 percent, with losses experienced in 2001 and 2002. RA forecasts show growth rates of 3.6 percent in 2004 and 4.5 percent in 2005.

RA forecasts information services will pare more jobs in 2004 and then recover in 2005. This is expected to result in a slight loss during the two years.

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As an industry, financial activities performed rather well during the post-2000 economic downturn. With annual growth above 2 percent in 2000, the industry experienced the next couple of years with growth slightly above one percent, and returned in 2003 to show growth above 2.5 percent. RA forecasts this industry to grow by roughly 2 percent each year of the forecast period.

RA forecasts the transportation, warehousing and utility group to add nearly 2,800 jobs during the 2004-05 period. This translates into growth rates of 1.2 percent for 2004 and 2.3 percent for 2005. The weakness of this group had been the transportation sectors, but as continued recovery among states and regions proceeds, increased shipments and consumer travel is expected. Rising fuel prices represents a dampener to this industry, as increasing costs are either encumbered or shared. Consumers are realizing the direct costs with rising prices at the pump, and indirectly as businesses may pass along the greater costs in higher prices of their products and services. Rising fuel prices have tended to most adversely affect the transportation sectors of trucking and air.

RA projections call for continued rapid growth in education and health services with an expected annual average expansion rate of 5.5 percent for the forecast period. Arizona's rising population trends support much of this industry. In addition, faster growth in private educational services as

compared to the public sector has suggested a shift in educational resources away from the public sector and towards the private. As a result, this industry is forecast to add more than 28,000 jobs during the forecast period.

Government is forecast to grow by nearly 2.5 percent in each of two years, adding nearly 11,000 service-providing jobs to the economy. Most of these jobs are in state and local education.

In conclusion, at the time of this writing, Arizona's economy is approaching 20 months of over-the-year job gains. The contemporary phrase "jobless recovery" doesn't apply to Arizona. While the state also experienced the affects of the economic downturn, it has managed with greater resiliency because of its predominant service-providing industries. Additionally, Arizona has become recognized over the years as a place many new residents now call "home." As a result, growth in construction jobs has bolstered the economy despite protracted downturns in industries such as manufacturing. RA forecasts for nonfarm jobs call for continued, though modest improvement in the 2004-05 period.

Release Presented by: Phoenix – Don Wehbey, DES Research Administration, Senior Economist

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Next Press Briefing: March Employment Report - Thursday, April 15, 10:00 a.m.,

DES Administration Building, Room 110, 1717 W. Jefferson St., Phoenix

The Arizona Workforce (Press Release) is now on the Internet.

<a href="http://www.workforce.az.gov/">http://www.workforce.az.gov/</a></a>
Please contact our office, if you still want a faxed copy each month.

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Table 1

Arizona Employment Forecast (In Thousands)							
Change in Employn							
	2002	2003	2004	2005	2004	2005	
Total Nonfarm Employment  Percent Change	2265.1	2289.3 <i>1.1</i>	2345.6 <i>2.5</i>	2417.9 <i>3.1</i>	56.3	72.3	
Manufacturing Percent Change	183.5	174.0 <i>-5.2</i>	171.5 <i>-1.4</i>	173.4 <i>1.1</i>	-2.5	1.9	
Natural Resources & Mining Percent Change	8.7	8.0 - <i>8.0</i>	7.6 -5.4	7.2 -4.4	-0.4	-0.3	
Construction Percent Change	172.2	176.6 <i>2.6</i>	181.7 <i>2.9</i>	185.7 <i>2.2</i>	5.1	4.1	
Trade, Transportation, & Utilities  Percent Change	440.9	444.8 <i>0.9</i>	454.7 <i>2.2</i>	468.5 <i>3.0</i>	9.9	13.8	
Information  Percent Change	51.7	49.4 -4.4	48.6 -1.6	49.4 1.5	-0.8	0.7	
Financial Activities  Percent Change	155.1	159.3 <i>2.7</i>	162.2 <i>1.8</i>	165.5 <i>2.1</i>	2.9	3.4	
Professional & Business Services  Percent Change	314.1	320.0 <i>1.9</i>	331.5 <i>3.6</i>	345.3 <i>4.2</i>	11.5	13.8	
Education & Health Services  Percent Change	232.6	246.3 <i>5.9</i>	259.8 <i>5.5</i>	274.5 <i>5.7</i>	13.5	14.7	
Leisure & Hospitality  Percent Change	229.5	231.5 <i>0.9</i>	236.1 <i>2.0</i>	241.9 <i>2.5</i>	4.6	5.8	
Other Services  Percent Change	86.3	85.9 <i>-0.5</i>	88.4 <i>2.9</i>	91.6 <i>3.7</i>	2.5	3.3	
Government  Percent Change	390.4	393.7 <i>0.8</i>	403.7 <i>2.5</i>	414.8 <i>2.8</i>	10.0	11.1	

Note: 1) Totals may not add due to rounding

Table 2

Phoenix-Mesa Metropolitan Area Employment Forecast (In Thousands)							
	Change in Emplo						
	2002	2003	2004	2005	2004	2005	
Total Nonfarm Employment	1596.1	1616.7	1657.2	1710.7	40.5	53.5	
Percent Change		1.3	2.5	3.2			
Manufacturing	137.5	129.4	126.9	128.3	-2.5	1.4	
Percent Change		<i>-5.9</i>	-2.0	1.1			
Natural Resources & Mining	2.2	2.0	1.9	1.9	-0.1	0.0	
Percent Change		-9.1	-4.6	-2.4			
Construction	126.1	130.0	134.6	139.1	4.6	4.6	
Percent Change		3.1	3.5	3.4			
Trade, Transportation, & Utilities	325.5	328.1	335.1	345.1	7.0	10.0	
Percent Change		0.8	2.1	3.0			
Information	39.4	37.3	36.6	37.1	-0.7	0.5	
Percent Change		<i>-5.3</i>	-1.8	1.2			
Financial Activities	131.2	134.4	136.6	139.4	2.2	2.8	
Percent Change		2.4	1.6	2.0			
Professional & Business Services	<i>253.5</i>	258.1	267.7	279.7	9.6	12.0	
Percent Change		1.8	3.7	4.5			
Education & Health Services	153.0	163.0	172.7	183.5	9.7	10.8	
Percent Change		6.5	5.9	6.2			
Leisure & Hospitality	153.5	155.9	159.1	162.8	3.2	3.7	
Percent Change		1.6	2.1	2.3			
Other Services	61.6	61.5	63.6	66.1	2.1	2.5	
Percent Change		-0.2	3.5	3.9			
Government	212.7	217.1	222.4	227.9	5.3	5.5	
Percent Change		2.1	2.4	2.5			

Note: 1) Totals may not add due to rounding

Table 3

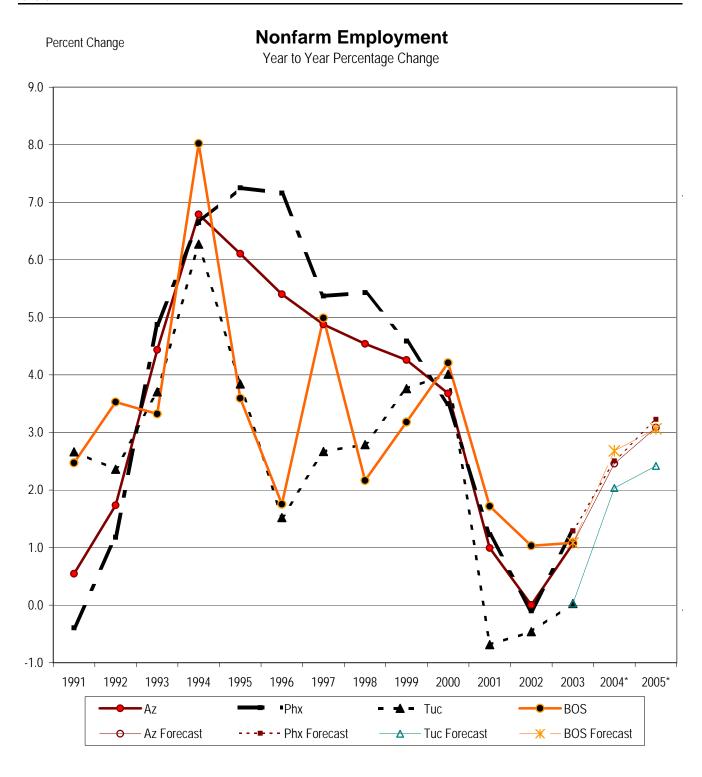
Tucson Metropolitan Area Employment Forecast (In Thousands)							
	,					nge in Employment	
	2002	2003	2004	2005	2004	2005	
Total Nonfarm Employment  Percent Change	345.9	346.0 <i>0.0</i>	353.0 <i>2.0</i>	361.6 2.4	7.0	8.5	
Manufacturing Percent Change	30.5	28.7 -5.9	28.5 -0.8	28.8	-0.2	0.3	
Natural Resources & Mining  Percent Change	1.5	1.2 -20.0	1.1 -9.5	1.0 -4.7	-0.1	-0.1	
Construction  Percent Change	22.5	22.9 <i>1.8</i>	23.4 <i>2.0</i>	23.8 <i>1.7</i>	0.5	0.4	
Trade, Transportation, & Utilities  Percent Change	54.4	54.4 <i>0.0</i>	55.5 <i>2.0</i>	56.9 <i>2.5</i>	1.1	1.4	
Information  Percent Change	7.9	7.6 -3.8	7.5 -0.9	7.6 1.0	-0.1	0.1	
Financial Activities  Percent Change	14.4	15.1 <i>4.9</i>	15.6 <i>3.3</i>	16.1 <i>3.1</i>	0.5	0.5	
Professional & Business Services  Percent Change	41.5	41.3 -0.5	42.2 2.3	43.4 2.8	0.9	1.2	
Education & Health Services  Percent Change	43.6	45.6 4.6	47.8 4.8	50.0 4.6	2.2	2.2	
Leisure & Hospitality  Percent Change	37.3	36.5 -2.1	36.8 0.9	37.6 2.0	0.3	0.7	
Other Services  Percent Change	14.5	14.5 <i>0.0</i>	14.9 <i>2.7</i>	15.4 <i>3.5</i>	0.4	0.5	
Government  Percent Change	77.9	78.2 <i>0.4</i>	79.8 <i>2.0</i>	81.0 <i>1.6</i>	1.6	1.3	

Note: 1) Totals may not add due to rounding

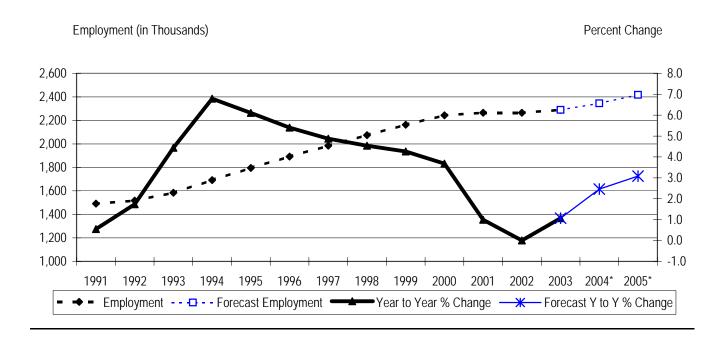
Table 4

Balance of State Employment Forecast (In Thousands)							
	·	·	(	Change in Employment			
_	2002	2003	2004	2005	2004	2005	
Total Nonfarm Employment	323.1	326.6	335.4	345.6	8.8	10.3	
Percent Change		1.1	2.7	3.1			
Manufacturing	15.5	15.9	16.2	16.4	0.3	0.2	
Percent Change		2.6	1.7	1.3			
Natural Resources & Mining	5.0	4.8	4.6	4.3	-0.2	-0.2	
Percent Change		-4.0	-4.8	-5.2			
Construction	23.6	23.7	23.7	22.8	0.0	-0.9	
Percent Change		0.4	0.2	-3.9			
Trade, Transportation, Warehousing, & Utilities	61.0	62.3	64.1	66.5	1.7	2.4	
Percent Change		2.2	2.8	3.8			
Information	4.4	4.5	4.5	4.7	0.0	0.2	
Percent Change		2.3	-1.1	4.7			
Financial Activities	9.5	9.8	10.0	10.1	0.2	0.1	
Percent Change		3.2	1.8	1.1			
Professional & Business Services	19.1	20.6	21.5	22.2	0.9	0.6	
Percent Change		7.9	4.6	2.9			
Education & Health Services	36.0	37.7	39.3	41.0	1.6	1.7	
Percent Change		4.7	4.3	4.4			
Leisure & Hospitality	38.7	39.1	40.1	41.6	1.0	1.4	
Percent Change		1.0	2.7	3.6			
Other Services	10.2	9.9	9.8	10.1	-0.1	0.3	
Percent Change		-2.9	-0.5	2.6			
Government	99.8	98.4	101.5	105.9	3.1	4.4	
Percent Change		-1.4	3.2	4.3			

Note: Totals may not add due to rounding

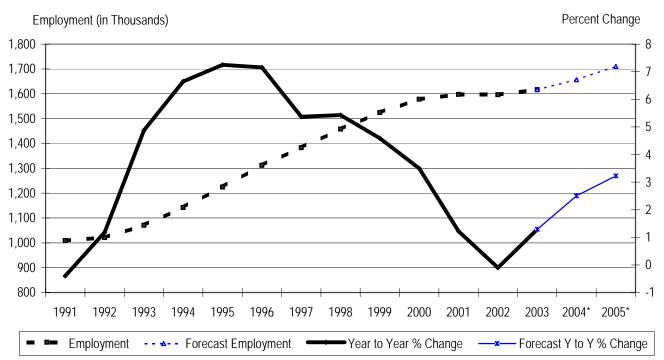


# **Arizona Nonfarm Employment**

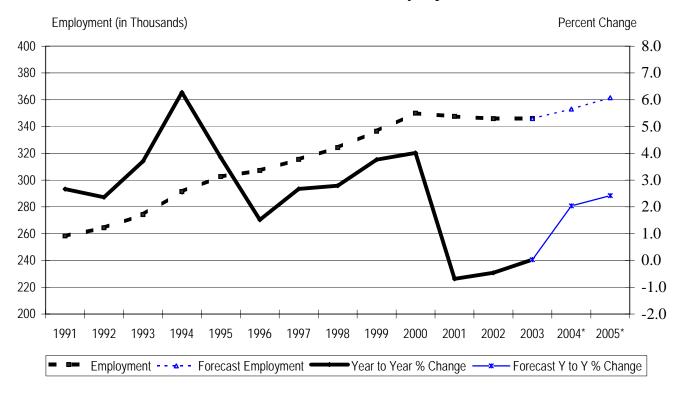


#### Chart 3

## **Phoenix-Mesa MA Nonfarm Employment**

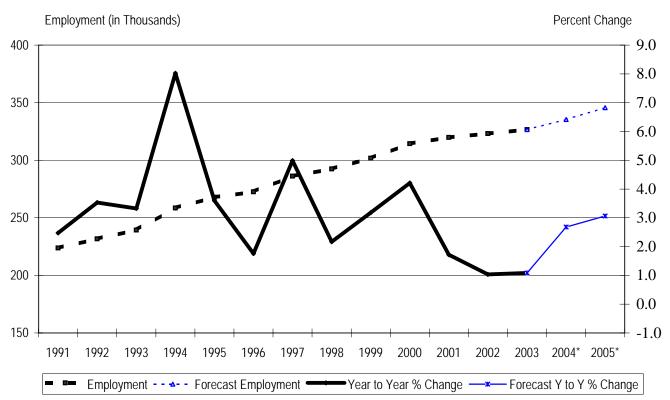


## **Tucson MA Nonfarm Employment**

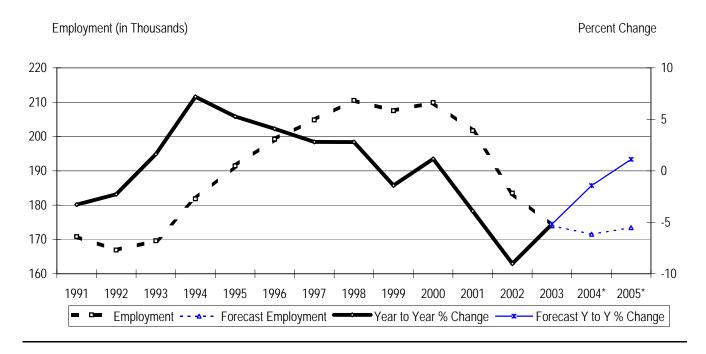


#### Chart 5

# **BOS Nonfarm Employment**

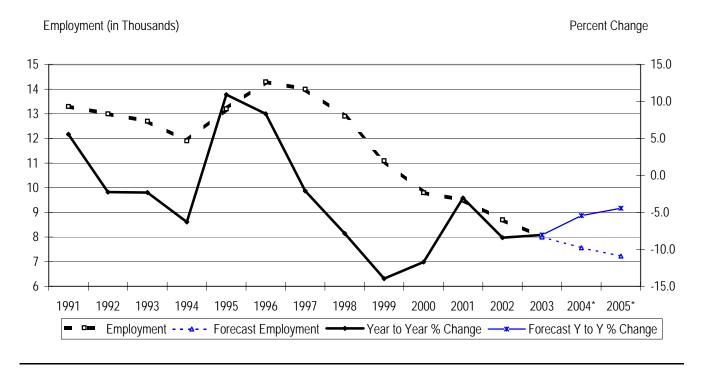


# **Arizona Manufacturing Employment**

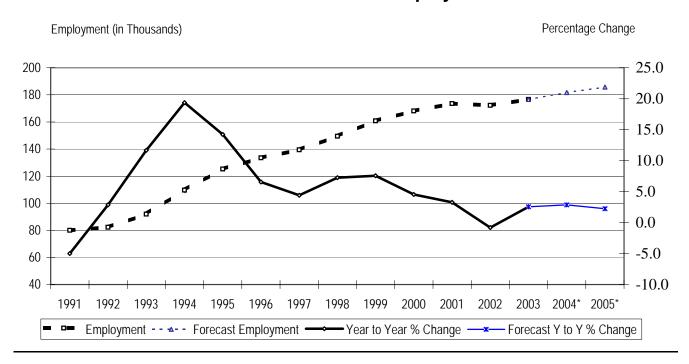


#### Chart 7

## **Arizona Natural Resources & Mining Employment**

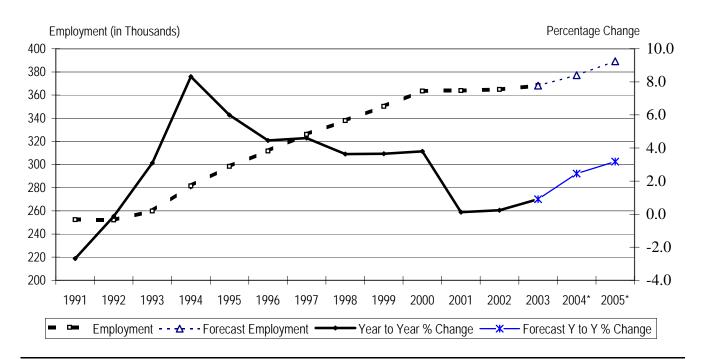


## **Arizona Construction Employment**

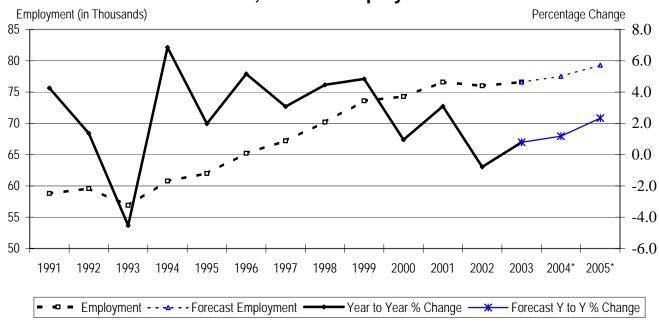


#### Chart 9

## **Arizona Trade Employment**

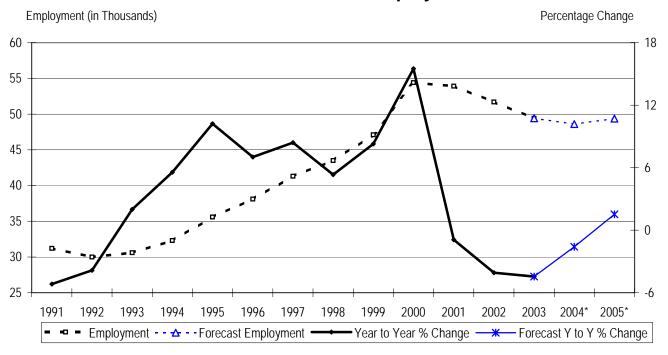


# Arizona Transportation, Warehousing, and, Utilities Employment

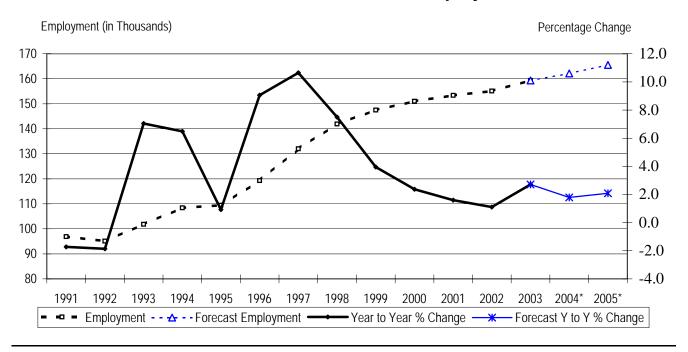


#### Chart 10

#### **Arizona Information Employment**

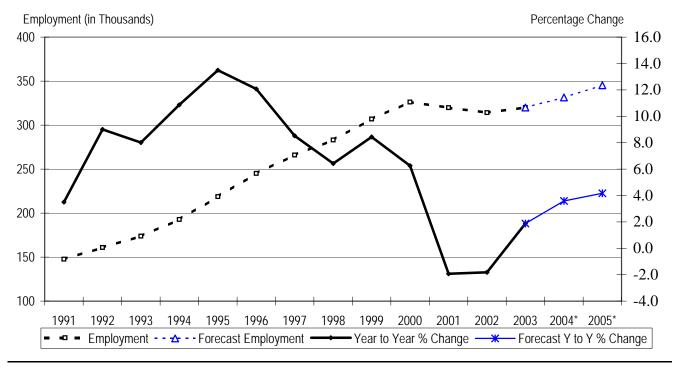


## **Arizona Financial Activities Employment**

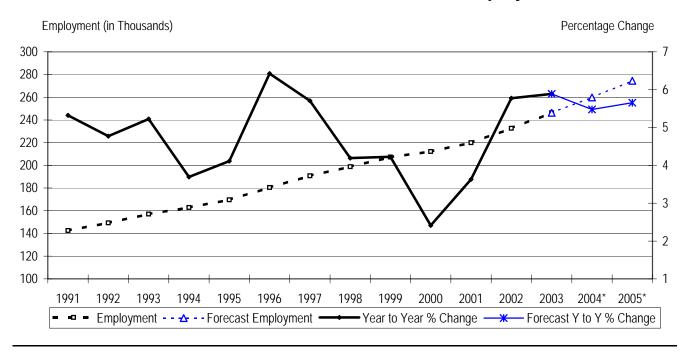


#### Chart 12

## **Arizona Professional & Business Services Employment**

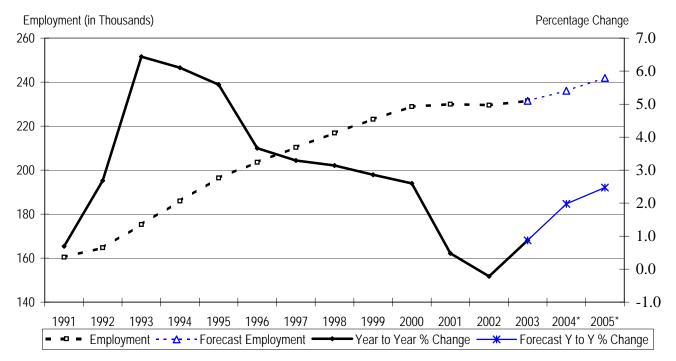


## **Arizona Education & Health Services Employment**

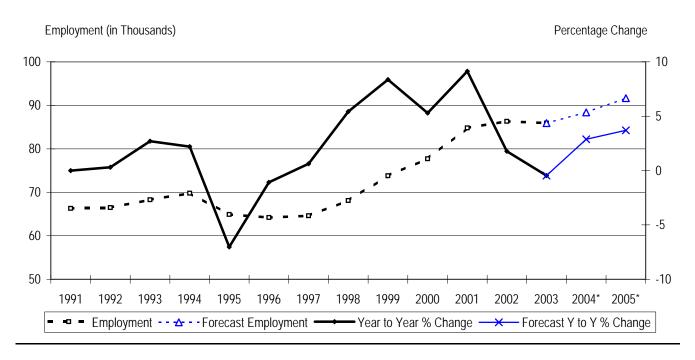


#### Chart 14

## **Arizona Leisure & Hospitality Employment**



## **Arizona Other Services Employment**



#### Chart 16

## **Arizona Government Employment**

